In the Claims:

Amend the claims as follows:

(1) (Original) A heat-resistant film comprising at least any one of a polybenzazole, aramid and polyamideimide produced by sandwiching a polymer solution between two supports, introducing a laminate, obtained by converting the polymer solution into a thin film by a roll, slit or press, into a coagulating bath and peeling at least one side of the supports off in the coagulating bath to coagulate the polymer solution in the form of the thin film.

(2) (Currently amended) A heat-resistant film according to Claim 1 wherein the support is a film allowing the poor solvent for the polymer in the coagulation bath or a vapor thereof to permeate and wherein the poor solvent or a vapor thereof which has permeated said film is used for effecting at least a part of the coagulation of the polymer solution ~~the polymer solution is an isotropic solution~~.

(3) (Currently amended) A heat-resistant film according to Claim 1 [[or 2]] wherein the coagulation bath is a poor solvent for the polymer, or a mixture of a poor solvent and a good solvent, or a solution containing salts in a poor solvent.

(4) (Currently amended) A heat-resistant film according to ~~any of Claims 1 to~~ Claim 3 wherein the support is a film allowing the poor solvent for the polymer in the coagulation bath or a vapor thereof to permeate and wherein the poor solvent or a vapor thereof which has permeate said film is used for effecting at least a part of the coagulation of the polymer solution.

(5) ~~A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to any of Claims 1 to 4 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on the both side of the composite layer as sandwiching the composite layer~~ A heat-resistant film according to Claim 1 wherein the polymer solution is an isotropic solution.

(6) (New) A heat-resistant film according to Claim 5 wherein the support is a film allowing the poor solvent for the polymer in the coagulation bath or a vapor thereof to permeate and wherein the poor solvent or a vapor thereof which has permeated said film is used for effecting at least a part of the coagulation of the polymer solution.

(7) (New) A heat-resistant film according to Claim 5 wherein the coagulation bath is a poor solvent for the polymer, or a mixture of a poor solvent and a good solvent, or a solution containing salts in a poor solvent.

(8) (New) A heat-resistant film according to Claim 7 wherein the support is a film allowing the poor solvent for the polymer in the coagulation bath or a vapor thereof to permeate and wherein the poor solvent or a vapor thereof which has permeated said film is used for effecting at least a part of the coagulation of the polymer solution.

(9) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 1 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.

(10) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 2 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.

(11) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 3 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.

(12) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 4 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.

(13) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 5 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.

(14) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 6 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.

(15) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 7 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.

(16) (New) A composite ion-exchange membrane comprising a composite layer formed by impregnating a heat-resistant film according to Claim 8 with the ion-exchange resin and a surface layer consisting of an ion-exchange resin having no micropores formed on both sides of the composite layer sandwiching the composite layer.